

System and method for preventing artifacts in an audio data encoder device

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Abstract of TW 454172 (B)

A system and method for preventing artifacts in an audio data encoder device comprises a filter bank for filtering source audio data to produce frequency sub-bands, a psycho-acoustic modeler for calculating signal-to-masking ratios for the source audio data, and a bit allocator for using the signal-to-masking ratios to assign a finite number of allocation bits to represent the frequency sub-bands. In the absence of a defined significant event, the bit allocator performs a sub-band forcing strategy, including a prebit allocation procedure, to prevent artifacts or discontinuities in the encoded audio data.

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